

Discover Europe's first love . . .
French Country Knife

This is the knife that won the heart of Europe. It's the historic choice for mountain climbs, camping trips, and lazy picnics in the country.

Our French Country Knife comes from the town of Chambéry, tucked away in the French Alps. Here Maurice Opinel tends the cutlery trade of his forefathers. His knives—as well as vermouth and fine woodwork—are the fame of Chambéry.

Alpinists and sportsmen have sworn by this Chambéry creation since before the turn of the century. It's now the favored knife of Europe.

You'll see the French Country Knife stashed in rucksacks, stuck in the table tops of climbing huts, and slicing away at sausages on the summit of most every peak. Each afternoon in the countryside, picnickers and workmen take out these versatile knives to consume bread, pâté and cheese with skillful flourishes.

A patented locking ring for safety.

Open your French Country Knife & you'll find a keen 3 1/4" high-carbon steel blade to handle most any job. The blade sharpens with a flick and holds an easy edge.

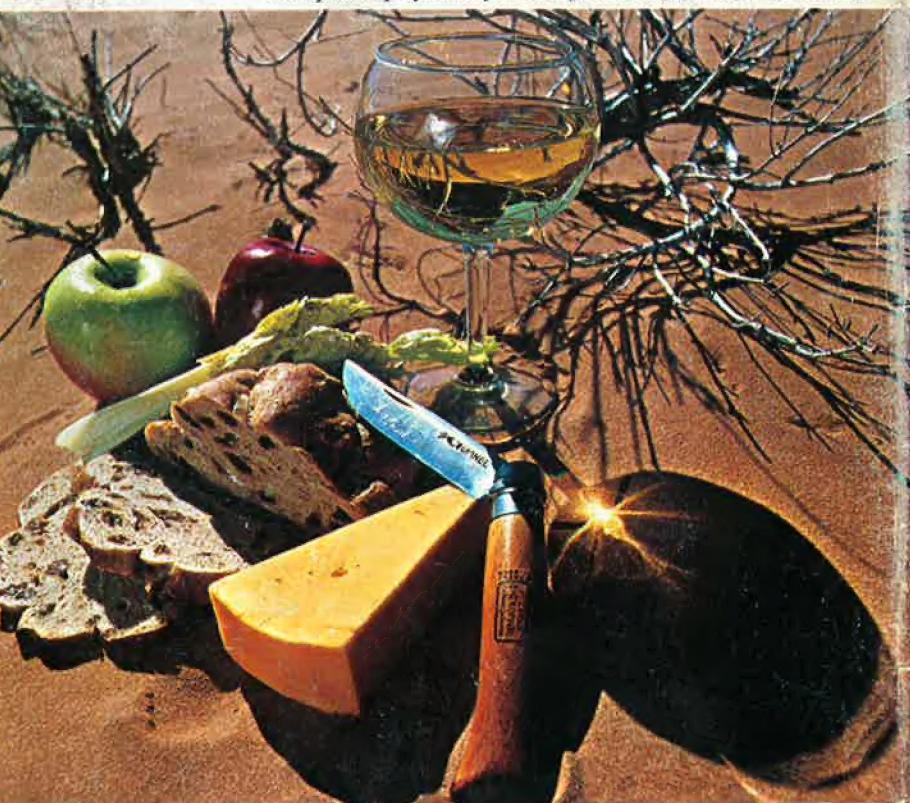
Twist the patented "virobloc" (true locking) ring and the blade locks firmly in place. It won't close accidentally. When you've finished the task at hand, just twist the ring again and the blade folds easily into the handle.

The handle, shaped of fine pear wood, fills your hand with its natural grace. It feels good as you slice cheese, cut a cord, or whittle away an idle dream or two.

In use the French Country Knife measures 7 5/8" in length . . . big enough to really cut it. Folded, its 4-inch length rides nicely in your pocket or pack.

A gold medal winner.

The marque of the crown and hand engraved in the blade of your French Country Knife is the sign of traditional



The French Country Knife is easy to carry, safe to use. It's a proven performer for biking, climbing, fishing & picnicking.

excellence. The three fingers stand for the three brothers Opinel who founded their company in the last century. Maurice Opinel still crafts the same high-quality carbon steel knife that won his great-grandfather the Gold Medal for Cutlery at the 1908 Paris Exposition. The crown on the blade tells you that you get the same gold medal design in the French Country Knife you buy today.



The Crown & the Hand—sign of traditional excellence.

So handy you may want half a dozen!

The French Country Knife is so

popular in Europe that some alpinists own half a dozen or more. They keep them tucked away in their packs, rucksack and pockets so one is always at hand, ready to use.

Send for your own French Country Knife today and add a touch of alpine tradition to your outdoor gear.

You'll discover why Europeans love this knife—for its fine cutting edge, safe locking ring, and balanced, award-winning design.

The French Country Knife comes complete with a history and instructions for its use and sharpening.

It makes a nice gift.

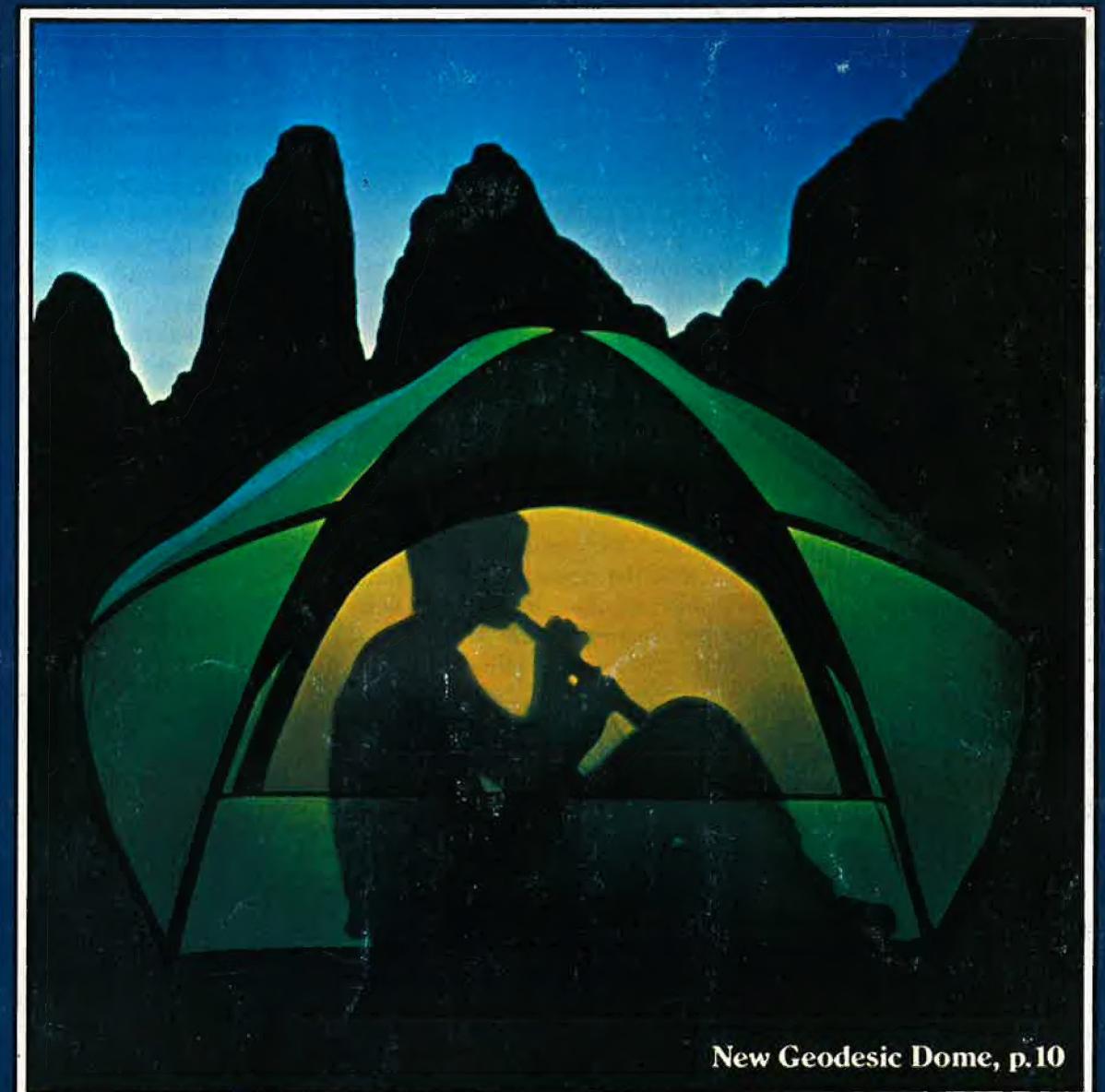
Made in France. Weight: 2 ozs.

French Country Knife

No. 5500	\$3.85
Save \$.85! 2 for	\$6.85
Save \$3.65! 1/2 dz. for	\$19.45

**Bulk Rate
U.S. Postage
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Seattle, WA.
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**ALL NEW 1978 CATALOG
EARLY WINTERS**
UNIQUE OUTDOOR EQUIPMENT. MANY NEW ITEMS!



New Geodesic Dome, p.10



Actual size of the French Country Knife, the choice of Europeans.

Early Winters, Ltd.
 110 Prefontaine Pl. S., Seattle, WA 98104

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 Use form 3547.



0208 000388579
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 69 CHESTNUT ST
 CAMB MA 02139***

EVERYTHING OFFERED FOR 30 DAYS FREE TRIAL!

You'll love this better sleeping pad.

The Cosmic Sleep™ . . . it's a pleasure you really shouldn't put off.

Experience stellar performance from a terrestrial sleeping pad. Discover Cosmic Sleep, dream of weary wanderers, searchers after the Land of Nod.

Created of sparkling, space-age EVA foam (Ethylene-Vinyl-Acetate), the Cosmic Sleep is known to aficionados for its remarkable insulation and incredible durability.

The pad is 3/8" thick. It smooths the rugosities of your summer camps and foils the icy fingers of Old Man Winter.

Because it's a closed-cell foam, it won't soak up water. You'll sleep dry, sleep warm, sleep sound.

A world apart from other pads.

Our celestial bed roll is unlike other foam pads.

It's unusually resistant to tearing and gouging, so it lasts longer than ordinary pads.

Unlike most pads, the Cosmic Sleep

won't age when exposed to ozone and sunlight.

And your Cosmic Sleep remains supple in winter. It rolls up easily without cracking. In fact, the Cosmic Sleep stays flexible down to the Antarctic temperature of -94°F!

So fold it, roll it, or dent it and watch it come back like new.

The Cosmic Sleep is a lasting investment in sleeping pleasure.

Store your pad in this handsome bag.
We offer a deluxe carrying sack for your rolled-up Cosmic Sleep. It's sewn from strong 4 oz. urethane-coated nylon Oxford Cloth and measures 6 1/2" x 22". It helps keep your Cosmic Sleep clean, dry, and protected while you're on the trail or climb. With dust flap, draw cord & toggle. Blue-

Space for secure sleep.

Rolled out, the Cosmic Sleep is a full 22" wide and over 56" long. There's lots of room for a midsummer night's dream.

10 ozs. of fuel in the stove & a PINT in your pack gives you over 3 hrs. of cooking time with the throttle wide open—more than 9 just simmering!



New from Peak 1 . . . The tough little stove that does it all.

Why do we offer the Peak 1 stove? Because we're excited about it!

We honestly believe that the Peak 1 stove is the best all-purpose stove you can buy. It starts without priming . . . blasts out tremendous heat when you need it . . . yet throttles so impressively low that you might think it's gone out.

And at only \$27.50—complete with an Early Winters storage sack—it's a downright deal.

A real performer.

You'll find your Peak 1 stove fast and easy to use. It starts without fuss and reaches full power in less than 2 minutes. With its big 8500 BTUH output, it can boil a quart of water in just 3 minutes—or melt snow as fast as a blowtorch. No more vigils just to brew up a batch of soup!

Yet when you need less power . . . to simmer a stew, fry an egg, or just keep your spaghetti warm . . . you can reduce the heat to almost nothing. If you've dealt with the finicky, often hot, hair-trigger controls common on so many stoves, you'll



truly appreciate the full range of burner control the Peak 1 gives you. Since we've begun using Peak 1 stoves, our cooking has improved and we're using less fuel.

Integral "X" shaped windshield is highly effective. 1 quadrant can blow out while others keep burning.

Quiet as a breeze. Most lightweight stoves are so noisy you'd swear they were designed by the same fellow who invented the jet engine!

The Peak 1 is a pleasant surprise. It pumps out the heat with just a friendly whisper. You can cook and talk without shouting to be heard.

And isn't that part of what it's all about?

Weight: 1 lb. 15 oz.
Size: 4 1/2" x 6 1/2" in green pack cloth storage sack with toggle closure.
Fuel: White gas or Coleman fuel.

Peak 1 Stove with storage sack
No. 0601 \$27.50 ppd

New!

New from Early Winters . . .

Socks so tough we guarantee 1000 miles of wear!

Unique in all the world.

The pad's surface sparkles wondrously like a sky shot of stars. It's a pleasure to behold. And the surface is not at all slippery. So no more waking up cold after sliding off a slick pad.

Delivered to your door.

Discover for yourself the pleasures of Cosmic Sleep.

Roll it out next time you make your bed far from home. Whether you nod off under the Southern Cross or northern lights, you'll feel warm and secure on the Cosmic Sleep.

Should you not be completely satisfied with your new pad, return it within 30 days for an exchange or refund.

So go ahead. Order it. Try it. Experience it. You deserve it.

The Cosmic Sleep. Perhaps the difference between warm pleasure and no sleep at all.

in length . . . yet it always snaps back to its normal length so that the sock will never lose its shape.

Mountain Merino sheep wool is the strongest, most durable wool available. When combined with nylon in this extraordinary yarn, it's understandable how a man who recently hiked

from Alaska to Mexico wore out 3 pairs of boots . . . but not his Thousand Mile Socks!

So unique that they're patented.

The secret to the durability of our Thousand Mile Socks is the special yarn from which each is knit. By a patented process, a thread spun of 9 parts mountain Merino wool and 2 parts nylon is wrapped loosely around an elastic Lycra® core. This makes a yarn as resilient as a coil spring. Each yarn in a Thousand Mile Sock can stretch up to 300%

Early Winters Thousand Mile Socks are machine washable and can be dried in a dryer at the low tem-

A great way to treat your feet!

Luxurious liners in Qiana®

Next time you pull on a pair of boots, don't resign yourself to the same old syndrome of sweaty, chafed, or blistered feet.

Use these new liner socks for 30 days to see if they don't increase your walking comfort while significantly reducing foot problems!

As necessary as they are luxurious.

These 100% Qiana® socks are very light in weight. A pair weighs just a single ounce.

Stretch one over your foot and notice how smooth and wrinkle free

it is. They greatly reduce foot friction as you walk.

Rub your hand across it and feel the slick, silky feel. Just imagine how much less abrasion, how many fewer hot spots you'll get when you wear these socks on your next outdoor trip!

If you're not totally pleased with the great comfort of your Qiana® liners, if you don't find they make walking more pleasurable than ever, just return them within 30 days for a full refund.

Size: S-shoe size 6-7 1/2; M-8-9 1/2; L-10-11 1/2; XL-12-13
No. 0302 \$3.25



Thousands Socks—made to such high standards that we can guarantee they'll go at least 1 year or 1000 miles, which ever comes LAST!

perature setting.

So order your socks today. When they arrive, slip them on and start getting acquainted with the last boot socks you may ever have to buy!

Color: Natural.

Sizes: S for children & adult shoe sizes 3-5.

M for adult shoe sizes 5 1/2-7 1/2.

L for adult shoe sizes 8-12.

Thousands Socks™

No. 0300 \$6.95
Save \$1.35! 3 pairs \$19.50

Smooth as silk. Wicks water away from your feet.



Zip on a Vestibule for extra storage & cooking space...

Need extra storage space and a place to cook? Just zip a vestibule to the special accessory zipper built into your Omnipotent.

You'll find the vestibule especially useful for winter camping. It keeps your gear from being buried in the snow and makes a big, ventilated space for cooking. At the same time, the protected, floorless area makes an ideal place from which to scoop snow to melt for water.

When you've finished cooking, close off the tent's front door. You won't waste heat warming the vestibule's storage space.

In the summer, take off the vestibule and store it in its carrying sack. Or take it along for extra protection on rainy days.

Weight: 9 ozs. in storage sack.

Omnipotent Vestibule

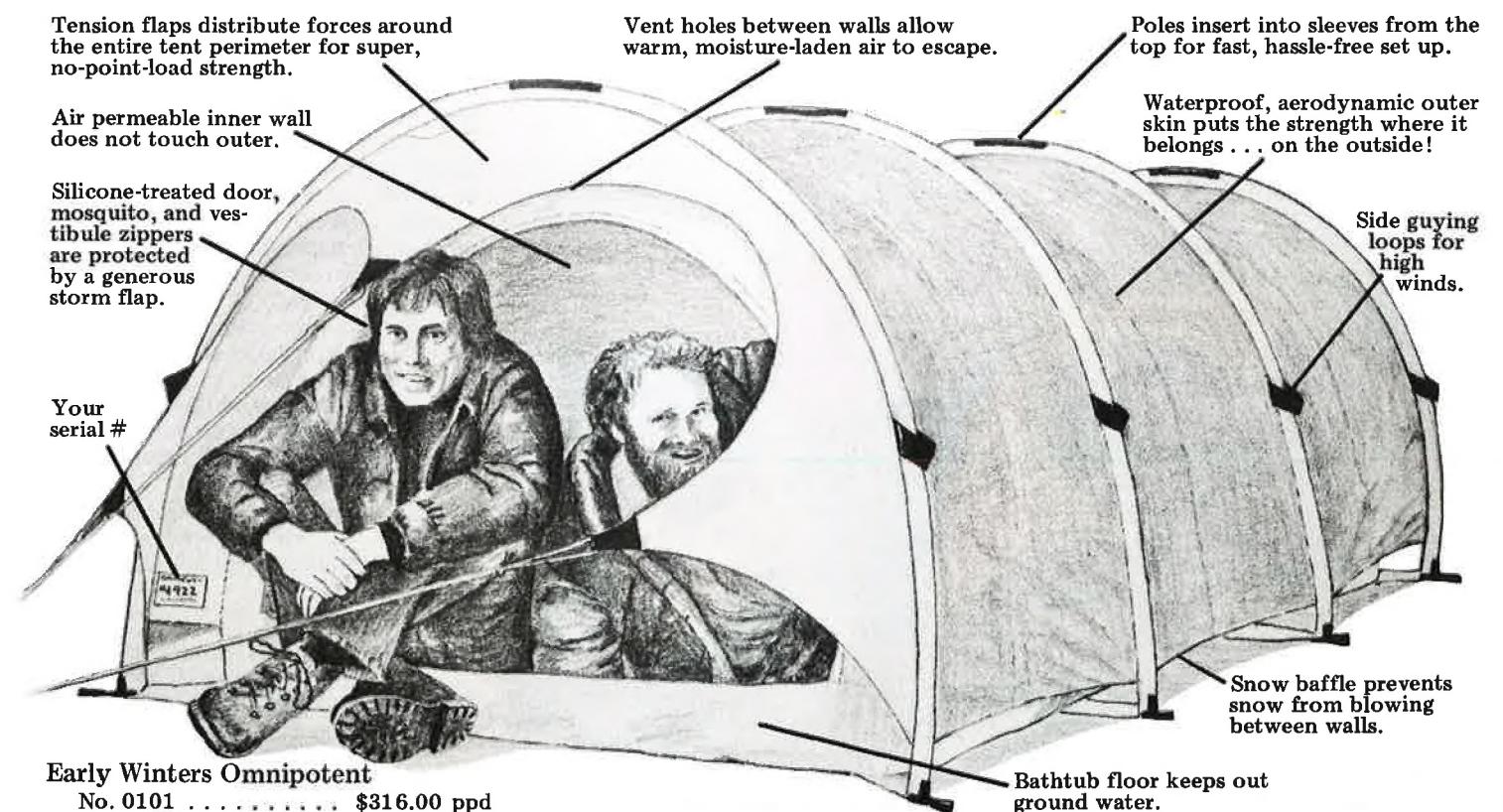
No. 0201 \$30.00 ppd

Tension flaps distribute forces around the entire tent perimeter for super, no-point-load strength.

Air permeable inner wall does not touch outer.

Silicone-treated door, mosquito, and vestibule zippers are protected by a generous storm flap.

Your serial #



Early Winters Omnipotent
No. 0101 \$316.00 ppd



Vestibule adds only 9 ozs! Expands living space.

Specifications

Weight

5 lbs. 9 oz. (2.52 kg) including: tent, poles, cordage & stuff sack.
Optional vestibule & stuff sack—9 oz.

Interior Size

Length: 93" (236 cm)
Width: 54" (137 cm), front
42" (107 cm), rear
Height: 38" (97 cm), front
29" (74 cm), rear

Materials

Outer wall: 2.2 oz. polymer coated ripstop, Medium Blue.

Inner wall: 1.5 oz. ripstop, Acapulco Gold
Floor: 3.3 oz. polymer coated ripstop,
Silver Grey or Sand.

Doors: 3 layer Gore-Tex® laminate, Gold
Tension flaps: 2.2 oz. stabilized ripstop,
Bright Yellow.

Mosquito doors: micro-knit netting, Lime
Green.

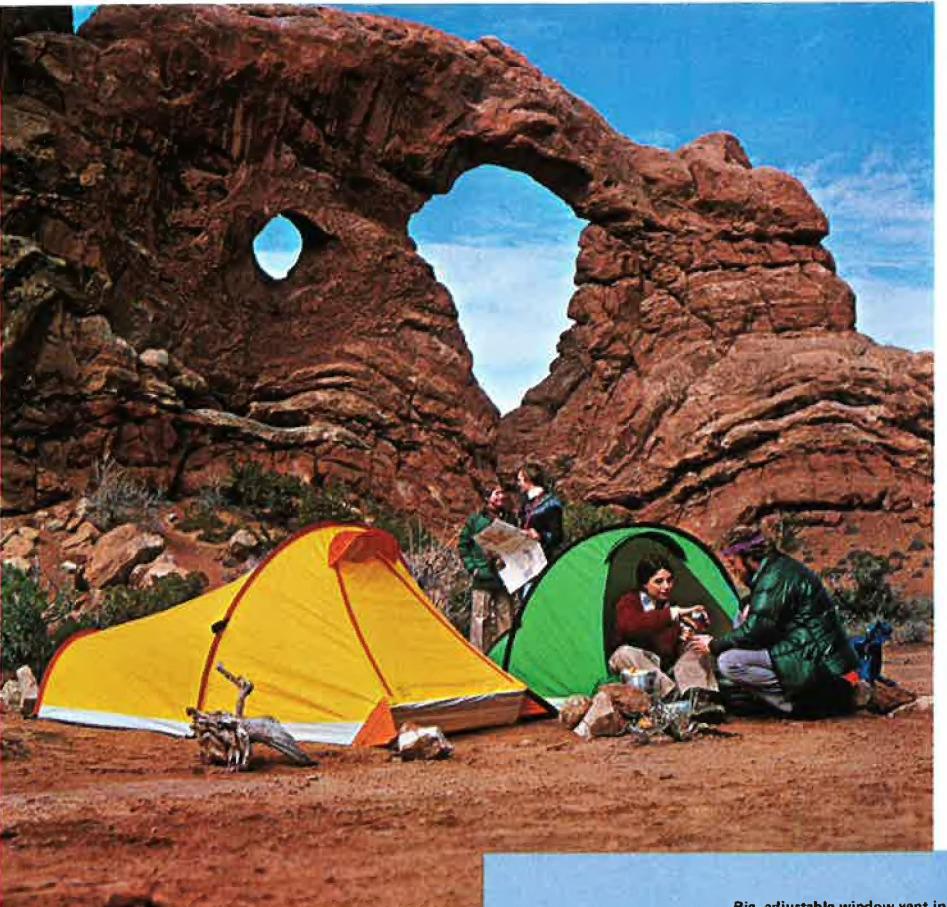
Zippers: Doors & Vestibule—Talon ladder
coil. Mosquito netting—Talon spiral coil.

Pole shafts: Hollow, hand-laid, woven
fiberglass tubing individually tested.

Pole couplings: Machined aircraft alloy
aluminum. Slide coupling knurled.

Pole shock cord: 1/8" nylon sheath, rub-
ber core shock cord.

End tether tensioners: 5/16" nylon
sheath, rubber core shock cord.



Available in your choice of Sierra Gold or Meadow Green.

than you'd get in an A-frame of the same height and width. Two adults can easily sit side-by-side without bumping the roof or sides.

More than 8 feet of inside floor length means plenty of room for sleeping as well as space to stash gear.

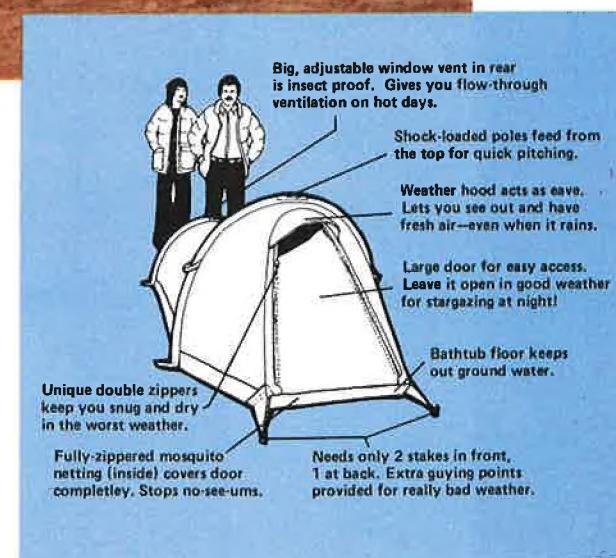
If you ever travel by yourself, you'll find your Light Dimension ideal. Its easy-to-carry weight & dependable strength makes solitary adventuring feasible and enjoyable.

Sun, Rain, Wind and Stars . . .

When the night is mild and no rain threatens, why not sleep under the stars? You can in your Light Dimension. Leave the door open and you're free to gaze up at the celestial sphere.

Bugs a problem? They won't be when you zip the ultra-fine knit netting over the door. Even no-see-ums are frustrated by this netting! On warm or balmy nights, open up the large, insect-proof window-vent at the back of your tent. You'll get a flow of cooling air.

If it starts to rain—don't get out of your sleeping bag. Just reach back and zip the door shut. A unique system of 2 parallel rows of silicone-treated zippers makes your Light Dimension leak proof even in the hardest rains. It's guaranteed to keep you absolutely dry.



"My family and I took our two Light Dimension tents on a week camping trip into Canada. We ran into extremely high winds and for three days our tents sat on an open point with winds up to forty miles per hour.

We really put them to the test and they performed beautifully. The most pleasant surprise was that sleeping was no problem, even though the wind blew through the night. We got no excess fabric buffeting at all. As each day went by, we became more and more amazed at the way they performed.

Certainly a bonus that you don't expect with a tent this strong is that they are so light and easy to set up. Two of my youngsters, ages 13 and 14, who had no previous experience with these tents, set them up in less than three minutes.

In about a week we will be leaving for a month trip to Alaska. We are really looking forward to carrying & using the tents up there."

Sincerely, Gary Corsi, Antigo, Wisconsin

Fresh air and ventilation is no problem, even in bad weather. The big, back vent is protected on the outside by the fabric tensioning cone. Open the vent a little, or a lot. You get just the amount of ventilation that you want. Want more air or a view? Zip down the door a ways. The weather hood will keep out the rain.

In normal use, 3 stakes are all you'll need. The back staking line comes fitted with a heavy-duty shock cord loop that keeps the Light Dimension stretched tight—even in the morning dew. You'll never have to crawl out in the middle of the night to tighten a baggy tent.

When the winds get wild, tie down the side guying loops. Proven poles and streamlined shape insure that your Light Dimension will still stand after ordinary tents have collapsed.

Truly advanced in design and technology, the Light Dimension is the ideal 3-season tent for backpackers, cyclists, ski tourists . . . all those who carry their shelter with them. We recommend it for all of your activities except severe mountaineering or hard winter use where much snowfall is anticipated. In these cases, we feel that our Winterlight & Omnipotent—tents designed specifically to handle these conditions — would be more suitable.

We Guarantee Your Satisfaction.

The Light Dimension is made of the finest available materials, each chosen for its function, regardless of cost.

Every tent is sewn in our Seattle shop by exceptionally skilled sewing machine operators paid high hourly wages. This assures that the

quality of the finished tent is always held above the quantity produced.

All materials and sewn parts are constantly inspected as part of our continual drive for unrivaled quality. Only when we are sure that each Light Dimension is worthy of our name do we give it its individual serial number.

Enjoy the Light Dimension on your next outdoor trip. If you don't find it a most satisfying piece of outdoor equipment, return it within 30 days for a full refund.

We guarantee your satisfaction.

Colors: Sierra Gold or Meadow Green.

Early Winters Light Dimension
No. 0102 \$216.00



Proven throughout the world . . . 6 lbs. of go-anywhere shelter.



"The best of all tents on the market, including the European models."

President,
International
Association of
Swiss Mountain
Guides.

fast. And it's designed to take wind, rain, and snow . . . in any combination the world can muster.

When your life's on the line, have the Omnipotent on your side.

Given 12 pounds of fabric and fittings, most manufacturers of lightweight nylon tents can make a reasonably strong mountaineering tent. And if you're willing to carry those 12 pounds and play around with a rainfly and 15 or so stakes, you'll probably get by okay.

But at 6 pounds, hardly anyone makes a decent summer tent . . . let alone a tent called by the President of the International Association of Swiss Mountain Guides "the best of all tents on the market, including the European models."

The Omnipotent is the only 2-person tent in the world which will protect you from 90 knot winds, monsoon rains, biting insects, and thousands of pounds of snow loading . . . and at the same time weighs only 6 pounds and packs to a compact 7X16 inch bundle.

Here are just a few of the reasons why the Omnipotent may well be the most sought after tent in the world today.

We put the strength on the outside . . . where it belongs!

If you've ever pitched a tent in a sudden downpour, you've probably cursed the separate rainfly needed by most tents. We eliminated the problems of a separate rainfly by building ours into the tent as an integrated outer wall. The outer wall of your Omnipotent is an aerodynamic, structural, stretched-skin which gives great strength to the tent. Compare this with normal tents where the rainfly just hangs above the tent, flapping in the wind, ready to be torn away by a sudden gust.

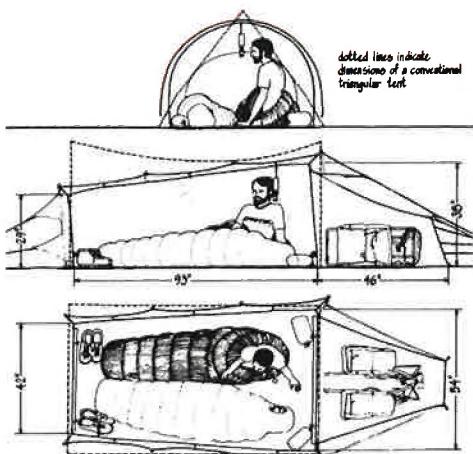
Lots of room for its size.

Because of its semicircular cross section,

A limited production tent of the highest standards.

The Omnipotent®

The mountaineers' standard for strength, light weight, & ease of use.



Five years ago we introduced the Omnipotent® with the prediction that it would "set new standards of comfort, convenience, reliability and lightness in mountaineering and hiking tents."

The tent was new and novel then; the skeptics many.

Few would dispute that prediction now.

Made in limited quantities for those who need the best.

The Omnipotent will never be a mass produced tent. Our quality control is so strict, the work so demanding, and the tent so complex that we must limit our production to about 400 tents each year.

This is a very special tent. It is a tent for the serious mountaineer, the winter camper, and those who trek through high and wild places.

It weighs just 6 pounds. You set it up

New for 1978

4½ lbs. of all-season shelter.

Here's the new, bigger cousin of our popular Light Dimension® tent. It's designed to take you from summer camping trips along the beach to winter climbs high in the mountains . . . and a lot of places in between.

We took the Light Dimension's popular combination of aerodynamic line, wonderful lack of weight, and easy set-up. Then we added more room, a third pole and a handy rear door.

The result? The Winterlight.® A new and versatile 4½ lb. tent you'll be happy with all year 'round.

Pitches big & packs small.

The Winterlight's airy sense of space makes it a pleasure to camp in.

Its big 8½' long space gives you and a friend plenty of room in which to stretch out, relax, and enjoy yourselves. Mountaineering teams of three can take a single Winterlight to sleep everyone snugly, but in comfort. The weight saved is significant.

Yet spacious as it is, the Winterlight with its 3 strong, shock-loaded poles packs down into a compact 8X16" package not much bigger than a large loaf of bread!

A 2nd way to get out of doors.

The Winterlight features the same



The protected back door is handy in storms . . . and gives you a second way to come and go.

big, easy-access front door as the Light Dimension. When it's balmy, leave the front door open and the mosquito netting up. You'll enjoy whole views of the land, sky, and stars without the companionship of the local bugs.

When the weather's hot, open the back door, too. Luxuriate in the nice, flow-through breeze. You'll find another no-see-um proof netting door in back to keep vagabond flies and mosquitos from moving in.

In rain and snow, the same double-zipper front door we invented for the Light Dimension keeps you snug and cozy inside. The back door, protected as it is with an overhanging eave, makes a great

storm door as well as a second way to come and go.

So much pleasure & peace of mind.

The Winterlight comes with proven reserves of strength. Should circumstances ever find you tooth to tooth with a howling, nightmare of a storm, your Winterlight will prove a haven of safety. It's stable, arched shape and smooth Gore-Tex skin will support heavy snow loads as well as spill ferocious wind.

In simpler, more halcyon times, the no-fuss pitching with just 4 stakes gives you more time to enjoy yourself. Stretch out and relax in uncramped space. The big, accomodating front door affords you grand views, a personal place from which time and again—you'll relax to witness the tranquility and splendors of the natural world.

Select your color.

The Winterlight is available in two colors.

Sierra Gold reflects the feeling of high places, open vistas, fields of wildflowers. It can be seen from a distance and in bad weather, making it particularly popular with mountain travelers coming back to camp toward the end of day. The

inside of a Sierra Gold Winterlight is warm and cheerful.

Meadow Green seems to dissolve into most outdoor places. It reminds you of summer evenings, the sound of water lapping at a lake's shore, the dappled light through leaves moving in a breeze. In fact, that's very much what it's like inside a green Winterlight.

So, think about it. Carefully choose the color that reflects your needs and taste. Then order your Winterlight today. Very soon—in just a few days—you'll be unpacking it for the first time, beginning a relationship that'll bridge the years.

Take a Winterlight on your next outing. Try it at your leisure, at no risk to yourself. Prove to yourself how easily it pitches, how well it's made, what an uncommonly fine tent it is. If you're not completely pleased with your purchase, if it isn't a true pleasure to use, then return it within 30 days for a refund or exchange. Your satisfaction is honestly guaranteed.

The Winterlight's a tent to love for many years, a tent with which to experience some of your very best moments.

Colors: Sierra Gold; Meadow Green.
See page 27 for further specifications.

Early Winters Winterlight

No. 0103 \$254.00 ppd



Enjoy the gift of wind.

Chinese Bird Kites

A traditional Chinese Bird Kite lets you share a special relationship with the wind. Lively, it dances out from your fingertips, climbs on the invisible currents of the sky. Relaxing, fun, and easy to fly, it'll buoy your spirit in its flight.

Serenity, imagination, and enjoyment are the gifts of a Bird Kite. Its lifelike motion is a source of constant delight.

Send up your own Bird Kite, your child of the wind. Together pass an afternoon, celebrate an ascent, or just chase the clouds away.

Each finely crafted kite is fashioned from bright, silky fabric stretched on a resilient bamboo frame. It measures 34"

For thousands of years the peoples of the world, particularly in the Orient, have sought pleasure and imagination in the oceans of the sky, making the invisible waves of the wind visible. Flying kites, opening themselves to let their spirits soar with their creations in the sky high above them. Exercising untapped patience, sensing calm in return.

When the distractions of everyday become unnerving, frustrating, the edge of life can bruise your balloon, make you explode! Calm . . . that is what you seek. Where has it gone, can it be found again?

It is! Floating like a cloud in a child's sky.

Its shape is fascination, its journey your mind, drifting. A bird of joyous color, dancing . . . free.

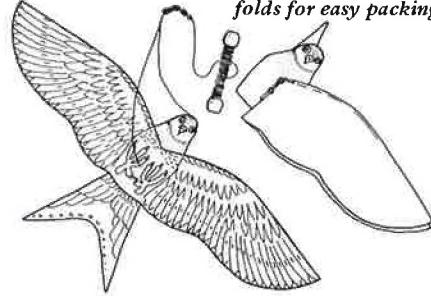
Calm.

tip to tip, and weighs about 2 ozs. including line, spool, and snap swivel.

Because it folds up thin and compact, you can take it along in your pack or canoe to enjoy on every trip.

Your kite comes with 300' of strong line, a snap swivel for easy attachment to the bridle, and a wooden spool to hold the line. Complete directions for flying and enjoying your kite are supplied, too.

The Bird Kite folds for easy packing.



Take a voyage on a sea of sky and wind. Make a Chinese Bird Kite part of your outdoor pleasure. Its charm, its pure simple joy will justify the small cost time and again.

Colors: Red, Blue, Yellow (please specify)

Chinese Bird Kites

No. 9500 \$7.95
Save \$2. All 3 for \$21.85



(The Gore-Tex Story, cont. from p. 19) of trials and tests, of starts and failures has finally led to the development of a single material which is windproof, waterproof, and yet . . . impossible as it may seem . . . a material which readily allows water vapor, like that given off by a body or when you breathe, to pass easily through.

Our Gore-Tex gear is both waterproof and "breathable". There is no single word to describe both properties existing simultaneously in a fabric. This is because they never have.

The word needs to be invented . . . Gore-Tex® already has.

The making of a precedent.

The Light Dimension® was introduced in May of 1976. It was an instant hit . . . the industry's success story of the year. Even manufacturers with a vested interest in yesterday's gear had to sit up and take notice. Something big was in the air.

As the tents began to appear in the field, and as we set about testing Gore-Tex in rain gear, people began to ask more and more, "Just how does this stuff work? How can it be waterproof and still let water vapor out . . . how can it be 'breathable'; yet be far more windproof than a windbreaker?"

The image of Maxwell's Demon would come to mind. There he was, working madly inside of the fabric, a microscopic little fellow making sure that no rain got in and waving the water vapor out.

Fortunately for us, the answer was a lot simpler.

The Garden Peas analogy.

Gore-Tex® is a membrane made from polytetrafluoroethylene (PTFE), the resin from which Teflon® is made. It is the most inert substance known. Sunlight can't hurt it. Acid won't touch it. Electricity won't flow through it. And it's completely non-allergenic—its medical uses extend from heart-lung machines to artificial veins.

The Gore-Tex membrane by itself is too thin and flexible to make rugged, good looking outdoor equipment . . . so other fabrics are laminated to it. We choose the fabrics according to the use to which they will be put. The fabrics give the laminates their strength, good looks and long wear. The Gore-Tex film, hidden from view, makes them waterproof, yet vapor porous.

To the naked eye, the Gore-Tex membrane itself appears white and impermeable. But under a high powered microscope you'd see the holes. Millions upon millions of them. Over 9 billion holes in every square inch.

Just as an ordinary kitchen sieve easily separates a pot of green peas from their cooking water, so too, but on a molecular scale, a Gore-Tex membrane distinguishes

(continued on p. 32)

*A true geodesic.
New this season!*

it needs no rainfly. So there's no rainfly that can flap noisily all night or tear away in the wind. The Earth Station keeps you snug in any storm the world can muster.

You can set it up by yourself.

The Earth Station is easy to set up. It uses six special-alloy aluminum poles, each shock-corded to pop together fast.

All of the poles are the same length. Slip them into the pole sleeves set right on the surface of the tent. Because the sleeves are continuous, you can easily slide the poles through by yourself.

When set up, the Earth Station is free-standing. Pick it up and move it to a level spot. Turn it toward the best view. Or face the door away from the wind.

A roomy room. A spacious view.

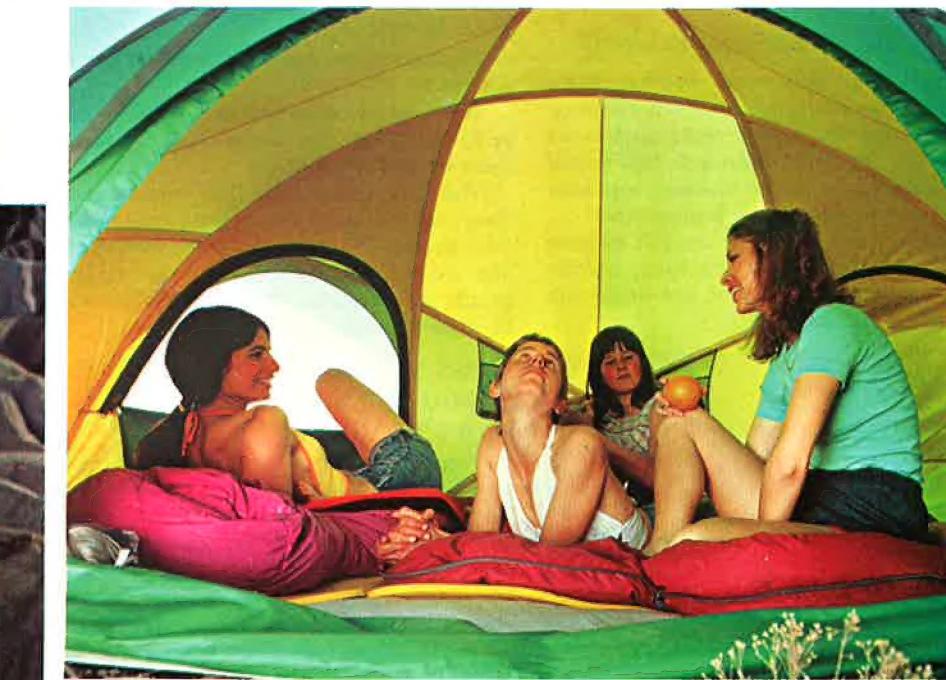
Enter the Earth Station. Bring a friend. Bring your family. Throw a party.

There's room for everyone. The Earth Station sleeps 4 and seats 8, 10, or more. Zip open a big window or two. Feel



You can set up the Earth Station in about 5 minutes. The strong, specially developed poles are shock-corded to snap together easily, without fuss or fumbling. Because the pole sleeves are continuous, you'll find you can slide the poles all the way through by yourself.

Inside there's space to spare. Stretch out,



The strength of geodesics.

Nature works in curves. It is known that curved surfaces are stronger than flat ones, and that the triangle is the most stable geometric shape.

When you create a hemisphere—the shape having the most volume with the least amount of surface area—with structural elements following great circle routes (the shortest distances between two points on a sphere), and have these great circles, or "geodesics" as they are called, cross to form triangles, you get what Buckminster Fuller calls "Nature's Rational Coordinate System" . . . a geodesic dome.

Geodesic structures have a ratio of strength-to-weight surpassing any other known structural system. Interestingly, the strength of a geodesic dome is greater than predicted from analyzing the strength of the component parts. This phenomenon, called "synergy", is why a geodesic structure gives you such amazing protection for its size and weight.

The Earth Station—a hemisphere created of triangulated poles following exact great circle routes—is a true geodesic dome. It gives you great protection from extreme wind and snow loads. Order one today and experience its strength, space, and comfort for yourself.

the mosquito netting stretched tight to keep the bugs at bay.

Put up the netting door. Check out the view. It's everywhere, all around you.

Room reserved.

The Earth Station is more than just a spacious dome. Its geodesic shape and Gore-Tex skin makes it the most advanced synthesis of design and materials ever put together in a lightweight tent. Whether you're using it on a hot, sun-baked day or through a wind-torn alpine night, the Earth Station has what it takes to make you snug and happy.

With the Earth Station you have it all. Room. Luxury. Strength to spare. All in a totally new tent. A futuristic shelter that's ready to enjoy today. It weighs only 9 1/4 lbs. And packs down into two handy sacks, so two can carry it.

Our new Gore-Tex geodesic dome comes in your choice of two color combinations. Choose warm Sierra Gold or natural Meadow Green. Either way, you won't go wrong.

Order your choice today. In just a few days you'll be taking it from the shipping box and setting it up. Run your hand across the tight Gore-Tex® skin. Push on a fabric panel and marvel at the strength. Unzip the big door and step into a brand new world. Sit down, stretch out, relax. Feel the space all around. Open the windows. Put up the netting door. Check it out with your family and friends. This is a tent everyone is sure to love.

Then take the Earth Station and use it on your very next trip. See if it isn't all we say.

If you don't agree it's the most luxurious, the roomiest, and the strongest tent for its weight you've ever used . . . if you don't find yourself eager to take it out and use it again . . . if you aren't pleased in every way with its style, its advanced features and performance — then return it within 30 days for a full refund or exchange, as you wish. You risk nothing, since we guarantee your complete satisfaction.

Just imagine. Day's end. Time to retire. To relax. In your new luxury suite. Room reserved. The Earth Station.

Surely, everyone should be so lucky.

Colors: Sierra Gold; Meadow Green.
Weight: 9 1/4 lbs. In 2 stuff sacks: tent, 6 1/2 lbs.; poles, 3 1/4 lbs.
Tent packs down to: 9"X21"
Poles pack down to: 2 1/2"X28"

Early Winters Earth Station
No. 0104 \$385.00 ppd

Gookinaid E.R.G. — you owe it to yourself!

More than a great thirst quencher!

Gookinaid E.R.G. is an activity drink specially formulated to quench your thirst, boost your energy, and keep you from getting sore muscles and leg cramps. It's a refreshing drink that goes to work fast and keep you going.

Marathon runner Bill Gookin felt a need for a special drink to use when he ran marathons. This drink had to replace the water and minerals lost through sweat, provide energy, work fast, and not result in cramps or other discomfort.

Gookinaid E.R.G. (Electrolyte Replacement with Glucose) is Bill's answer to these requirements. All in all, it's as close to the perfect activity drink as anyone's devised.

Gookinaid replaces both the minerals and the water your body loses when you sweat. These minerals (called electrolytes) are sodium, calcium, and magnesium. If they aren't replaced, your legs cramp, you fatigue fast, and sore muscles afflict you the day after heavy exertion.

When you add Gookinaid to your water bottle you're helping to prevent all of these problems.

A cure for the biggest thirst.

No liquid can quench a thirst until your body absorbs it. Because Gookinaid E.R.G. is of the same concentration as your body's fluids, it's absorbed quickly. It really cures your thirst in a hurry.

Better than water or sugary drinks.

When you're sweaty and thirsty on a hot and dusty trail, you need a drink to slake your thirst and perk you up.

The Bill Gookin Story

From the time Bill Gookin ran his first marathon in 1954, he looked for the ideal activity drink. After trying a variety of concoctions, he thought he had found the answer in commercial electrolyte drinks developed in the mid-'60s. But after he barely finished the 1968 Olympic trials marathon doubled over in cramps, Bill decided there had to be a better solution. He set out to find it.

A biochemist by education and a junior high science teacher by profession, Bill began a systematic analysis of electrolyte drinks. At the same time he analyzed sweat samples from athletes in several sports. He also tested his own sweat.

He discovered that the key to rapid absorption without discomfort is proper balance. Existing electrolyte drinks contained the wrong concentrations of electrolytes and sugars that had to be digested before they could be absorbed into the blood. From this information, Bill developed his Gookinaid E.R.G. formula.

In the fall of 1971, Bill, age 39, gave

Cold water won't do it . . . no matter how much you drink. It just sets in your stomach waiting to be absorbed.

Those sugary, sweet drinks don't help either. In fact, they actually draw water into your stomach for as long as 40 minutes after you drink them. The result—temporary dehydration.

Both of these conditions can give you cramps when you're pushing hard. Neither plain water nor sugary drinks go to work as fast as Gookinaid E.R.G. Because it's biologically balanced, it's absorbed fast to cure your thirst and renew your energy fast.

A sure, quick source of energy.

Gookinaid E.R.G. contains glucose to give you the quickest energy available.

Glucose is the only sugar that can be taken directly into the blood stream without first being digested. When teamed with electrolytes and water, E.R.G. will perk you up faster than candy. Eight ounces contain fewer calories than an orange, but give you quicker energy.

Gookinaid—definitely not a sugary kid's drink!

ing, hiking, climbing and cycling. It really works great . . . we're completely sold!

In fact, it's so good that a similar preparation based on Bill's formulation is being used in Pakistan to successfully save cholera victims from dehydration.

A nice, light taste.

Discover for yourself just how well Gookinaid E.R.G. works.

Get some of the handy quart-size packages. Give it a try the next time you're running, hiking, bicycling, or canoeing. Drink it and notice just how much better its lemonade or fruit punch flavor tastes than those of heavy, sweet drinks.

See how much better this balanced electrolyte drink cures your thirst.

Notice that it doesn't sit heavily in your stomach as does plain water.

Feel your energy quickly renewed without cramps or discomfort. In just minutes the difference is apparent: your thirst is gone; you feel refreshed and ready to go with new vigor.

Try it yourself.

If after trying Gookinaid E.R.G. you're not convinced it's the best outdoor activity drink you've ever used, just return your empty packages and any unused portions within 30 days and we'll refund your money or apply it to another purchase, as you wish.

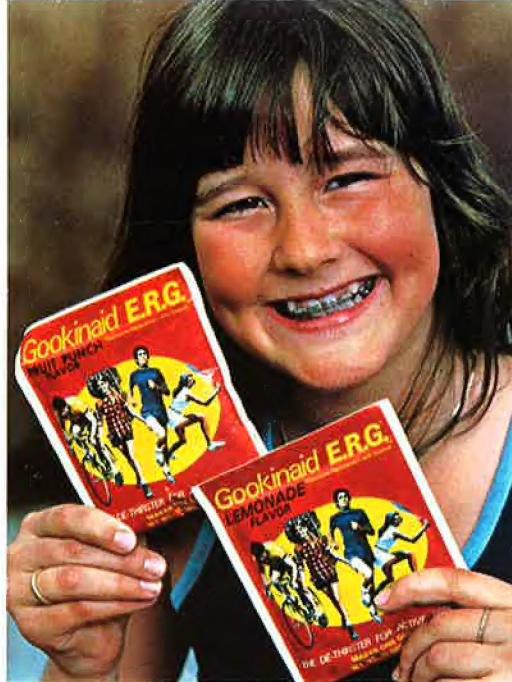
Gookinaid contains no artificial sweeteners or preservatives.

Flavors: Lemonade or Fruit Punch. Please specify when ordering.

Size: Each pack makes 1 qt. (Wt. 1.8 oz.)

Gookinaid E.R.G.

No. 0700	\$.45
Save 60¢. 12 for	\$ 4.80
Save \$1.92! 1 case (24) for	\$ 8.88
Save \$17.30! 144 for	\$ 47.50



Gookinaid—definitely not a sugary kid's drink!

New! The Last Light . . .

The last flashlight you'll ever have to buy.

Trouble with most flashlights is they often don't work when you need them.

One accidental drop and watch out! Maybe the case splits or dents. Or the switch stops switching. Or somehow water gets inside and goes to work corroding your batteries.

The result—no light . . . just when you need it most.

But this can't happen with the Last Light.

Its rotary switch won't fail you.

Its case loves abuse more than a masochist.

And water will absolutely not sneak inside to bring grief to the batteries.

The Last Light takes all the abuse an outdoor flashlight has to handle. It works, and works, and keeps on working. Its proven durability will brighten years of your life.

In fact, our tests of the Last Light have so convinced us of its durability that we make you this amazing guarantee: we guarantee your Last Light forever.

That's right — forever.

Twice the light for its size.

Built Mack truck tough.

The Last Light is made from an incredibly tough plastic—ABS—a product of the space age. It is virtually indestructable.

While such treatment is not recommended, you can beat it with a hammer or run it down with a Mack truck.

Your Last Light will stand up to your hardest outdoor use. No matter that it falls on a rock or into a lake . . . the Last Light won't break or leak.

Yet for all its strength, it weighs less

in all directions, much like a candle. If you tie a cord through the flashlight's lanyard ring and hang it from a branch or the ceiling of your tent, you'll have a nice, cozy light by which to work, read, or prepare a late-night meal.

Works when you need it.

Our Last Light is the last light you may ever have to buy.

It's designed tough . . . so incredibly tough that it will actually shine at 3000 feet under the sea or survive a fall from a mountain top. It's so reliable you'll count on it like the coming of morning.

If you're the sort of person who doesn't need a drawer full of pooped-out, unreliable flashlights, then order yourself a Last Light today.

Check out its unique features. Take note of its Rolls Royce quality, its Mack truck toughness. Turn the rotary switch. See for yourself how there's just no way it'll ever turn on by accident.

Take it out and use it. Then, if you're not completely pleased with it—if it isn't the most rugged, most dependable flashlight you've ever used—send it back within 30 days for a full refund or exchange, just as you wish.

Should your Last Light ever break and fail to work, we'll repair or replace it without charge to you.

Carry the Last Light . . . you'll never be left in the dark.

The Last Light (w/bulb; batteries not incl.)

No. 5406 \$9.95

Save \$2.00! 2 for \$17.90

Bulb & Battery Trail Pack

No. 5407 \$2.49

2 AA Alkaline Batteries

No. 5408 \$1.59

High Intensity Spare Bulb

No. 5409 \$.74



Two parts in every good flashlight need periodic replacement: the bulb and batteries.

Because it's wise to carry an extra set of these items, we've put together a unique replacement kit. We call it the Last Light Trail Pack. It contains 2 AA alkaline batteries and a high-intensity replacement bulb packed in a water-resistant case.

Each set of batteries is good for 4 hours, each bulb for 8-10 hours.

Big in everything but size & weight.

Experience more of the world with these impeccable little binoculars by Carl Zeiss.

Binoculars worth 10 times their weight in silver.

Few who hold a pair of Zeiss mini binoculars in hand can imagine the story behind the creation of this precision instrument.

Hundreds of people and several million dollars in research and specialized equipment are needed to produce even a single pair of Zeiss minis. Through one of the world's most precise and stringently demanding processes, the Carl Zeiss factory in Wetzlar, West Germany turns a small amount of metal and optical glass with an intrinsic value of a few cents into a binocular worth its weight in raw silver.

Consider this: each pair consists of more than 200 mechanical parts and 18 optical components, all inspected prior to and during each phase of assembly. Everything—including the

smallest screw—must be custom made for its special application.

Assembly requires 1800 exacting operations—many demanding microscopes—performed by 1000 skilled technicians.

The optical components are cut from selected optical glass, ground, then polished and coated to the incredible tolerance of just 12/1,000,000th of an inch! Needless to say, you see the dividend of such accuracy in the flawless clarity and brilliance of the image.

When assembly is complete, each pair is scientifically tested for even magnification, edge-to-edge clarity, and freedom from distortion.

Then the binocular faces severe tests of its

durability. After spending a quarter of an hour in a simulated rain storm, they're subjected to extreme temperature fluctuations from -40° to 160°F. Finally, they're jolted on a machine that simulates a 20' drop—not just once, but for 10 minutes!

When the binocular has passed its final exam, it is as good as human hands can build. Though they initially cost more than inexpensive competitors, their better performance, crisp optics for long viewing without eye fatigue, and rugged durability justifies their cost for the serious user.

A binocular is a lifetime investment. Zeiss binoculars have a lifetime guarantee.

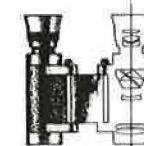
A fine instrument imparts a special satisfaction in ownership. These binoculars of impeccable conception and execution give you that feeling. And a lot more.

Raise a pair of Zeiss minis to your eyes. At once the world leaps up, draws near, grand to behold in a brilliant clarity seemingly more real than life.

The moment is experienced, caught more profound than film, more intimate than you thought possible.

These, you tell yourself—the image rock

Zeiss mini binoculars use the advanced roof prism design to achieve their slender design. They're just 1/2 the size & only 1/3 the weight of conventional binoculars. They're not bothered by sun, sand, saltwater spray, vibration, heat or cold!



A hummingbird at 20 feet actually seems within your hand's grasp. Everything—animals, people, whole mountain ranges—seems new and fascinating, complete as you've only guessed before.

Optical components of the highest standards are the big secret of this brilliant image. Through an elaborate 12 hour process, anti-reflection coatings are evaporated onto the prisms and lenses. These coatings eliminate reflections and ghost images. Zeiss binoculars let 98.5% of the light through to your eyes—6% more than comes through your living room window if you washed it 5 minutes ago!

Try a pair & open up your world.

If you wear prescription eyeglasses, just fold down the rubber cups and you'll see the complete view. The eye cups also protect your glasses against scratching.

Inexpensive binoculars often have rubber cups for cosmetic purposes only. They may look the same, but the compensating

solid in the camera of your eye—are binoculars of another quality altogether.

Miniature in everything but performance.

Zeiss mini binoculars nestle in the cup of your hand. They weigh next to nothing. Yet their image is vivid, so brilliant and intensely real that it will alter your outdoor experience.

Choose the binocular or monocular that's right for you. Order it and use it. See if it doesn't enhance your outdoor experience as well as sporting events, plays and concerts.

If you don't find them one of the best investments you've made in your own enjoyment, return them within 30 days for a refund or exchange. All we ask is that you send them back in the same good shape as you received them.

If you don't try them, you may never know what you're missing. That would be a shame, indeed.

Zeiss 6X20B Binoculars

6 power, 4 1/4 ozs. Favored by backpackers & canoeists. Excellent for following moving objects. Independent focusing. Leather case, neck strap.

No. 5410 \$229.00 ppd

Zeiss 8X20B Binoculars

8 power, 5 1/4 ozs. The mighty mini. Great for bird & animal watching. Center focusing. Fine leather case and neck strap.

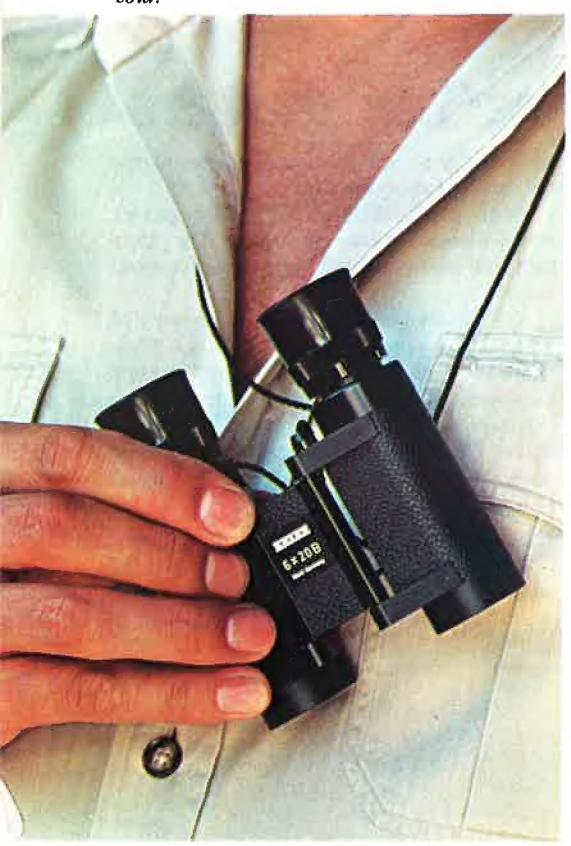
No. 5411 \$279.00 ppd

Zeiss 8X20 Mini Monocular

8 power, 1 1/2 ozs! Ultralight and compact to go anywhere, anytime. Fine leather case. Shirt pocket clip. Guaranteed for life (as are others).

No. 5412 \$129.00 ppd

Zeiss Model	Weight (ozs)	Folded Size	Exit Pupil	Twilight Factor	Field of View	Focuses Down to
8X20 Monocular	1 1/2	3-3/8x2x1"	2.5mm	12.65	360'	6'11"
6X20B Binocular	4 1/4	3-1/2x2-1/2x1-1/16"	3.33mm	10.95	360'	5'9 1/2"
8X20B Binocular	5 3/4	3-5/8x2-3/4x1-1/16"	2.5mm	12.65	345'	6'3 1/2"



The closest thing yet to the perfect pack.

The Early Winters' Schonhofen is the easiest-to-use pack we know of.

The back of the pack opens and closes completely by means of a rugged #10 YKK self-repairing zipper with double sliders. This allows you immediate access to any item (rain jacket, camera, or snack) without having to unload everything else. Generous, zippered pockets on the sides and back flap give you extra storage space . . . in fact our Light Dimension® tent fits nicely into the side pocket of the Grand Exit model!

The Early Winters' Schonhofen pack is made from waterproof 12 oz. nylon Cordura®, the strongest, most abrasion resistant nylon available. Every . . . that's every . . . seam on the pack is double sewn with heavy pack thread. Stressed points get 5 to 8 lines of extra stitching plus reinforcing material wherever needed. That's confidence where it really counts!

Great versatility.

Virtually all of us here at Early Winters own and use this pack. We've found these packs see more use than almost any single piece of our outdoor gear.

This is not only an excellent trail pack, but it's our favorite pack for mountain climbing and ski touring. When it comes to plain old "bushwhacking," we've yet to find anything better. While most packs seem to have a mind of their own . . . moving this way when you go that, and hanging up on every tree limb unless you bend over double . . . the Schonhofen design seems to become a close-fitting part of your own body.

We've found that the more you use this pack, the more you'll appreciate its great versatility.

Try it on your next outing. Order an Early Winters' Schon-



Early Winters Grand Exit

This is the regular size model for backpacking, mountaineering and ski trips of several days.

Men over 6'2" and women over 5'10" should specify "tall fit." It does not fit most women under 5'6" or people with shorter than average backs.

The main compartment is 16" wide, 25" long and 7 3/4" deep. The side pockets measure 19"X6"X2 1/2". The flap pocket measures 10"X7"X2 1/2".

Early Winters Exit

This is the model for men under 5'4" and women under 5'6". It is excellent for ski touring, backpacking & mountaineering. It has all of the features of the Grand Exit—just sized specifically for most women and shorter men.

It's shown here with the optional Cargo Sack which fits both packs. The Cargo Sack adds more volume for longer trips.

Bag: 16"X21"X7 3/4". Side pockets: 12"X6"X2 1/2". Same size flap pocket.



Mike Schonhofen . . . designer of backpacks . . . a perfectionist for your sake!

Mike Schonhofen is a Seattle custom pack maker. For several years he has designed and sold backpacks . . . and his packs show great refinement & remarkable balance between components.

Mike's a true perfectionist who wouldn't dream of sacrificing quality to cut costs. Every piece of the Early Winters' Schonhofen pack is made by us to his critical standards.

We feel fortunate in knowing Mike since he & his wife Margaret moved to the Northwest. Margaret's wonderful French cooking has inspired all our culinary endeavors. Mike's packs have been a pleasure to use and we're glad to be able to pass them on for your own enjoyment.

Pack Accessories

Cargo Sack of Cordura for added volume
No. 2402 \$8.50

Accessory Straps 1" webbing with 1" double bar buckles. 2-36", 2-45" & 1-10".
No. 2401 \$3.75

Belt Pack fits on pack waist belt or your trouser belt.
No. 2222 \$4.95

hofen pack today. When it arrives, check out its clean, functional design and fine workmanship. Zip open the large back panel and fill the pack with phone books, your backpacking gear or anything handy. Take a walk around the block or down the road. Feel how your new pack fits your back and seems to become a part of you.

Then take it out and put it to the test. Try it on your next outdoor trip. If you're not pleased in every way . . . if you don't think that this is the best all-round pack you've ever used . . . just return it within 30 days for a full refund or exchange, as you wish.

We think you'll love it!

Color: British Green

Weights: Grand Exit, 4 lbs. 2 ozs.,
Exit, 3 lbs. 14 ozs.

Early Winters Grand Exit

No. 2201 \$94.95

Early Winters Exit
No. 2202 \$87.50

Discover the Lost World.™

New!
A classic mountain parka with Gore-Tex® performance!

This is a deluxe parka . . . a rugged and handsome garment whose classic lines carry a timeless appeal.

The Lost World is tastefully designed for wear during your civilized pursuits.

Yet its superb storm detailing assures you of total protection under the most demanding mountain conditions.

You'll find the Lost World a versatile, luxurious parka for all worlds . . . familiar footpaths and seldom-visited icy ridges alike.

Stormproof snugness.

From the first time you wear this finely appointed piece of outdoor apparel,

Easy heat control with the underarm zippers. Zippered pockets inside too.



you'll appreciate its meticulous and distinctive weatherproofing.

The Lost World's first-class storm protection starts with the Gore-Tex® Taslan laminate. Taslan projects the durability and reliable comfort reminiscent of a traditional cotton poplin . . . while protecting completely as only a waterproof, breathable Gore-Tex laminate can.

For your head, a carefully designed hood covers completely without restricting movement or vision.

Dual drawstrings let you choose just the right amount of protection from bad weather. The first holds the hood in place so you can turn your head without the parka cutting off side vision.

The second drawstring closes out blowing snow and wind. Use either or both. The overhanging bill adds an extra touch of shelter as it keeps snow and sleet from numbing your face.

As you'd expect from a mountain parka of this caliber, zippers are silicone-treated for waterproofness. A wide weatherflap covers the front zipper. Snap it down to shut out spindrift and wind-driven rain.

Double overlapping flaps protect the underarm zippers. Tighten the Velcro Gore-Tex Taslan for rugged wear.



Distinctive wear. Strong mountain protection!

wrist tabs to prevent frosty drafts from sneaking up your arm. Snap together the storm skirt and experience the security that only an ultimate storm garment can give.

Wear it with pleasure.

Large 7X10" cargo pockets with built-in bellows expand fully to hold your lunch, gloves, and hat with ease. A fold-over flap fastens securely with Velcro® so you won't lose anything.

If your hands are cold, slip them into the generous hand-warmer pockets behind.

Tuck valuables and maps into 8X10" inside zippered pockets for sure, dry safe-keeping. It's an easy reach to a map even while you're wearing your pack.

Experience the rugged luxury of the Lost World parka for yourself. Send for yours today. When it arrives, wear it. Learn firsthand just how thoughtfully designed and well-executed a garment the Lost World is. If it's not a parka you'll wear with pride and satisfaction, if it doesn't give you superb comfort and weather protection, then just send it back. We'll exchange or refund your order.

The Lost World. It's the last word in mountain parkas.

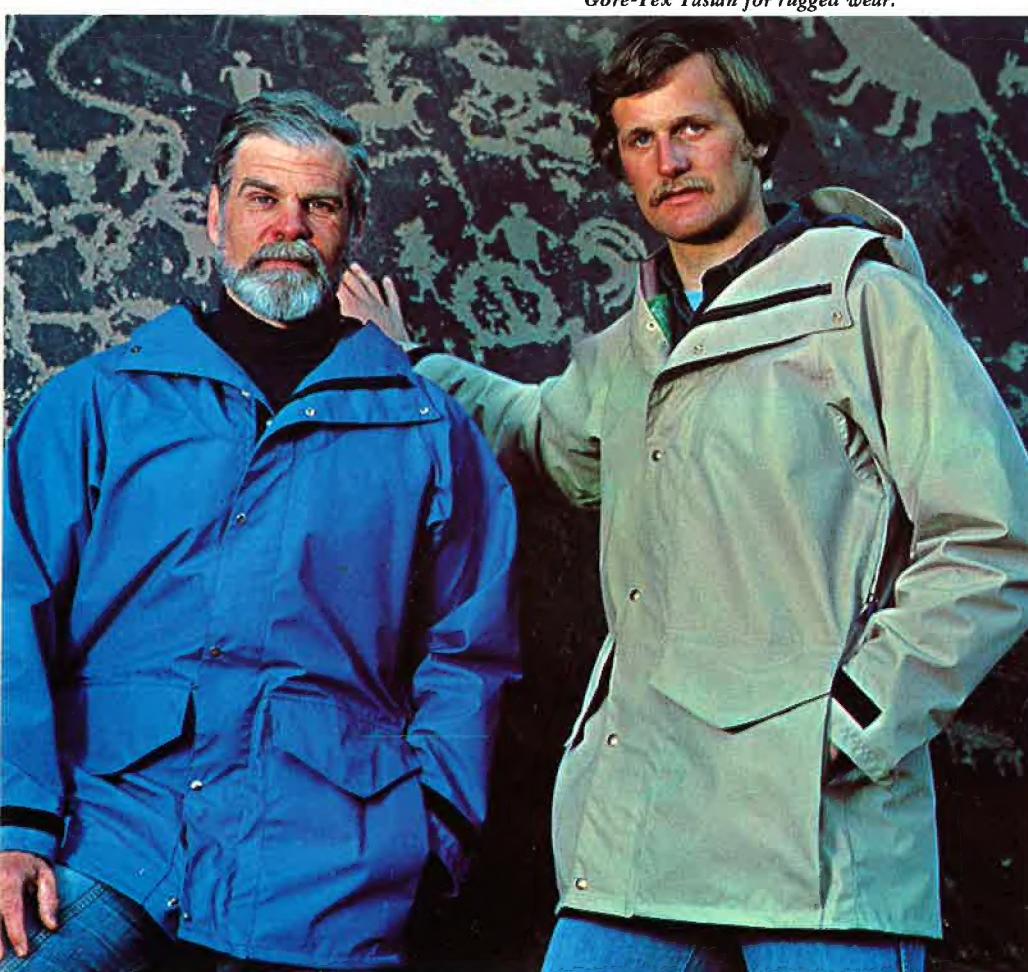
Colors: Storm Gray/Navy, Impala/Chocolate, Cobalt Blue/Navy.

Sizes: XS, S, M, L, XL

The Lost World is cut on the large side for wear over other layers of clothing. If in doubt as to your size, order the smaller size.

	XS	S	M	L	XL
Women	6-8	10-12	14-16	18-20	
Men	30-32	34-36	38-40	42-44	46-48

The Lost World Parka
No. 1215 \$112.00 ppd



Gore-Tex® rain & wind pants for total outdoor protection.

Gore-Tex bibs for active, year 'round use.



Access slots.

Special features.

The generous cut and Velcro® adjustment tabs at the bottom of each leg means you can slip your pants on and off without removing your boots. When the wind is particularly fierce, tighten the adjustment tabs to seal off the legs for maximum comfort.

Need a knife from your pocket? Reach it through one of the convenient slash access slots on the side of the pants. The access slots open and close with strong zippers and are covered with storm flaps for full protection.

A long 14" zipper with storm flap and double sliders opens and closes the front of the pants. Nylon Fix Lock® clips on the suspenders make it easy to remove the pants while wearing your parka.

Fully Guaranteed.

Send for your Early Winters Gore-Tex pants today. Within days of ordering, you'll begin to experience the great versatility and new degree of comfort which only Gore-Tex® clothing can give.

If for any reason you're not more than pleased with your Early Winters' Gore-Tex pants, if you don't find them the finest, most comfortable rain and wind pants you've ever worn, just return them postpaid and insured within 30 days for a full refund or exchange, as you wish.

Sizes: Offered in 4 sizes & 2 inseam lengths per size. Indicate your size on the order form as follows: medium size with regular inseam=MR; small size with long inseam=SL etc.

Size	Waist*	Regular Inseam	Long Inseam
Small	37"	26 1/2"	29 1/2"
Medium	41"	28 1/2"	31 1/2"
Large	45"	30 1/2"	33 1/2"
X-Large	49"	32 1/2"	35 1/2"

*Actual waist size of pants. Remember that you'll be wearing your Gore-Tex pants over regular pants. Small size fits people who regularly wear pants with a waist size up to 30", mediums to 34", Large to 38", and X-tra Large above 40".

Color: Blue Hytron Gore-Tex
Weight: Medium Size—15 oz./pair.

Early Winters' Gore-Tex Pants
No. 1230 \$59.95 ppd



Great Stuff!™

These classy stuff sack sets are the best way to organize your gear.

There'll be no more rummaging through your pack to find a dry pair of socks or a snack . . . just pull out the color-coded sack you want.

#	Suggested Uses	Size	Cat.#	Price
1	Personal items	3 1/2X9	2391	\$2.00
2	Essentials, snacks	5X8 1/2	2392	\$2.25
3	Shell garment, food	4 1/2X9	2393	\$2.25
4	Clothing, food	5 1/2X11	2394	\$2.50
5	Down vest, hardware	5 1/2X14	2395	\$2.75
6	Down coat, clothing	6 1/2X15	2396	\$2.75
7	Sleeping bag	10X18	2397	\$4.00

The sets contain sacks of various sizes. You'll find the smaller sacks ideal for hiking essentials and personal gear. Larger Stuffs hold clothing, climbing hardware, and food.

Great Stuffs are made from 4 oz. urethane-coated nylon pack cloth, drawcorded and secured with a toggle. All but #7—the sleeping bag stuffer—are of a one-piece, square bottom construction. Sizes 5, 6, and 7 have dust flaps.

Great Stuffs are available singly or in money-saving sets. Order the set best suited to your needs—and get stuffing!

#	1	2	3	4	5	6	7
Small Stuff	x	x	x	x			
5 sacks.		x					
Save \$1.30.							
Big Stuff	x	x	x	x	x	x	x
10 sacks.		x					
Save \$5.90.							
Super Stuff	x	x	x	x	x	x	x
20 sacks.	x	x	x	x	x	x	x
Save \$13.80.							
All three sets feature	x	x	x	x	x	x	x
assorted colors.							

Small Stuff Basic set. 5 sacks. Save \$1.30!
No. 2398 \$9.95

Big Stuff 10 fine sacks to save you \$5.90!
No. 2399 \$17.85

Super Stuff Share with friends. 20 sacks.
Save \$13.80! No. 2390. \$34.95

The Early Winters Terrashell™

A new Gore-Tex® shell for wilderness comfort.

Our new Terrashell has the best features of both a parka and an anorak. It's a highly functional, new generation wilderness garment.

The Terrashell combines the easy on and off of a zippered parka with large, handy pockets set high like an anorak kangaroo pocket.

Made of waterproof, breathable Gore-Tex® Hytron, our Terrashell protects you from all combinations of rain, wind, snow and your own body's moisture. It's an all-purpose weather shell that packs small and weighs just 19 ozs. Tough and dependable, it'll protect you in comfort over the entire range of outdoor activities. From a light drizzle to full mountain storm—from a walk to the corner grocery to a Himalayan expedition—the Terrashell is our choice as the perfect "do everything" garment.

Shelter from the storm.

The Terrashell has many advanced features to keep you comfortable when it gets cold and wet.

Built in at the waist is an elastic storm skirt. Snap it together and tighten down the Velcro® wrist tabs. Now no icy drafts can reach your upper body.

If it starts to rain and blow, pull up the Terrashell's hood. Its special contour fit and double drawstring system let you enjoy full head movement and vision while giving you snug protection. The inner drawcord with toggle holds the hood to your head so it turns as you do. The outer drawcord adjusts the opening around your face—from completely open down to a thin slit just big enough for your eyes. Since you can use the drawcords together or separately, you can tune your hood exactly right for every weather condition.

The hood's overhanging bill keeps rain and snow from your eyes and off of glasses and goggles. More than just a nice feature, the reinforced bill is a real necessity when the weather turns for the worst.

4 big pockets.

The Terrashell's two stormflapped slash pockets are set high & handy for fast, easy access even when you're wearing a pack or climbing rope.

Though slim in profile, there's plen-



ty of space for anything you'd ever want to put in a parka pocket including a hearty lunch, quart water bottle or skins for your skis. Even full, they won't sag or interfere at all with your movement.

Inside, you'll find another pair of zippered pockets. They're the perfect place to stash your car keys, wallet or map... anything you want to be sure not to lose.

Not too warm & not too cold.

Your windproof, waterproof Terrashell seals out the meanest storm. To keep you comfortable while you're actively hiking, climbing, or cycling, the Terrashell features zippered underarm vents. Open them as you begin to heat up. You'll vent off the excess heat to stay comfortable.

Get into your shell.

Experience the pleasure and weather security that wearing this beautifully crafted garment gives. Put yourself in a Terrashell. Try it on your next trip. If you're not more than satisfied with its good looks and superior design, return it for a full refund or exchange, as you wish.

Get great head protection without loss of your side vision.

19 oz. Terrashell packs small for easy carrying.



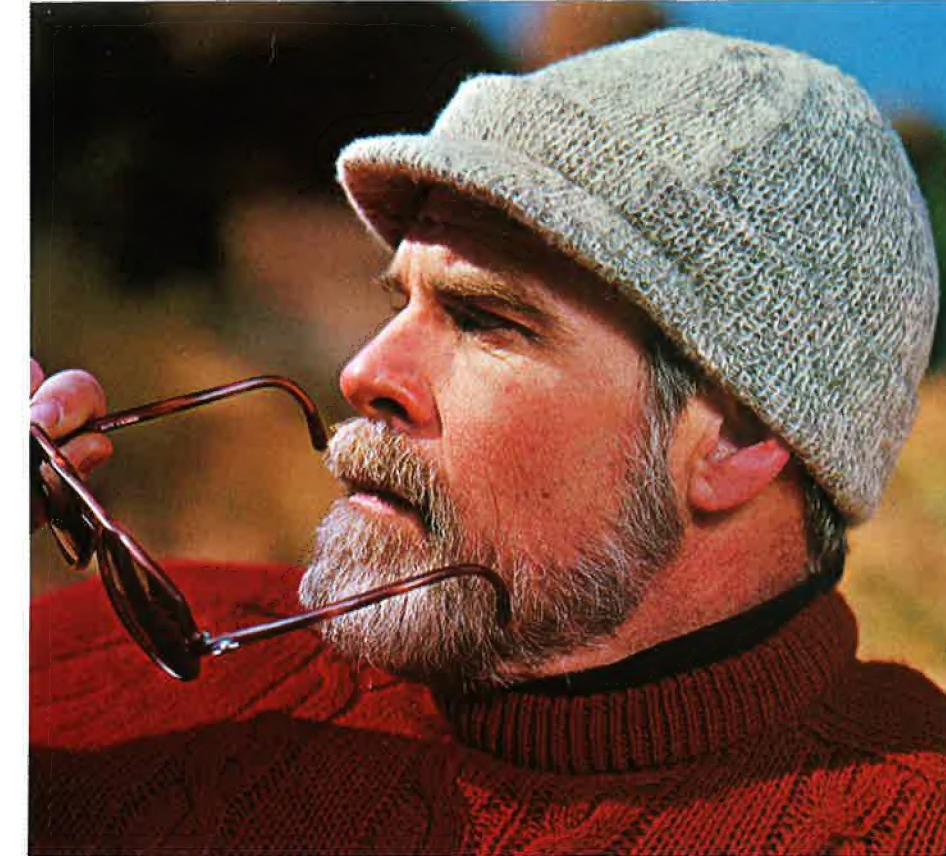
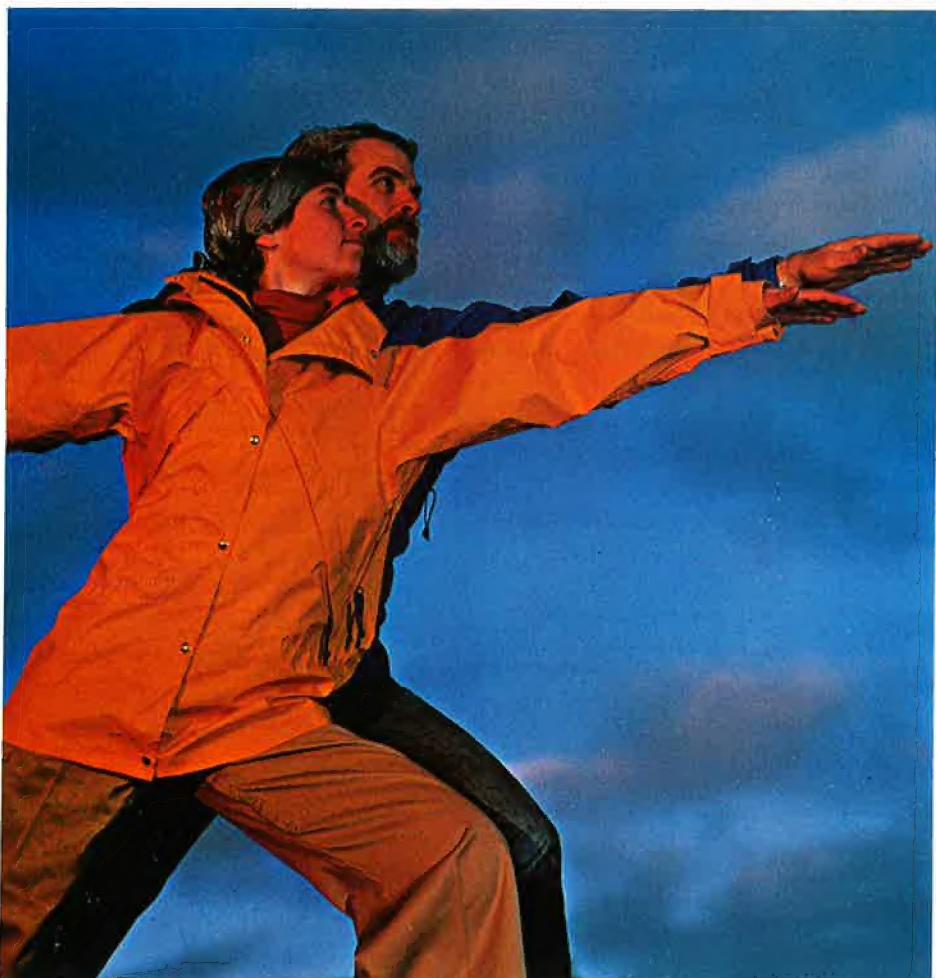
Terrashell features two zippered inside pockets to keep valuables safe.

Colors: Gold/Orange, Blue/Navy, Green/Forest
Wt: 20 oz. in stuff sack.
Sizes: XS, S, M, L, XL

Cut full enough to wear over warm clothing. If in doubt, order the smaller size.

Sizes	XS	S	M	L	XL
Women	6-8	10-12	14-16	18-20	
Men	30-32	34-36	38-40	42-44	46-48

Early Winters Terrashell
No. 1213 \$84.50



Classic good looks.

For men & women all year 'round.

Warm your head with a Scandinavian accent... the Danish Fisherman's Cap.

The design of this classic wool cap originated in the fishing villages along the scenic coast of Denmark. For centuries, the Danes have put to sea for the cod and herring which teem in the icy waters of the North Sea. To help take the nip out of their often chilly livelihood, Danish fishermen have worn distinctive caps like these for many generations.

Natural wools for warmth & good looks... nylon for added durability.

Our Danish Fisherman's Cap is crafted from a blend of beige and gray wools. No dyes are used to color the yarn. The result is a cap of rich, natural color and timeless good looks.

To the wool, we've added a small amount of nylon. This practical blend of 85% natural wool and 15% nylon gives your Danish Fisherman's Cap the warmth of wool with the added wearability of nylon.

A great traveler.

The Danish Fisherman's Cap features a crush-proof visor with a special Holland

cut to shade your eyes against glare. The bill also protects your face from rain.

When the north wind blows, roll down the storm flap. The double thickness of knitted wool will keep your ears and the back of your neck warm.

You'll find your Danish Fisherman's Cap perfect for all outdoor activities. It can be rolled or stuffed into a small space for easy packing... yet never wrinkles.

The Danish Fisherman's Cap can be washed by hand or machine using ordinary detergent in cool water. Hang or dry it at ordinary room temperature.

As the old Scandinavian song goes, to everyone a "warm head, warm heart, and warm bed." The Danish Fisherman's Cap is the perfect solution to the first part of this quest.

Weight: 3 oz.
Rich in lanolin to shed water.
One size fits all heads.

Danish Fisherman's Cap

No. 1002 \$4.95
Save \$1. 2 caps for \$8.90

The how & why of it all The Gore-Tex® Story

In this Early Winters catalog you'll find the most complete selection of outdoor gear made from the new Gore-Tex laminated fabrics to be found anywhere. To call Gore-Tex® "amazing," "remarkable," or even "revolutionary" may well go down as understatement when a history of outdoor tents, down clothing, and rain apparel is written.

Maxwell's Demon puts on his hiking shoes.

In the mid-19th Century, British physicist James C. Maxwell formulated a hypothesis to explain how molecules might be separated, through a hole in a partition, according to their speed. Maxwell's conjecture was that a small, indeterminant agent might selectively pass or hold back the individual molecules in the manner of a gate keeper or traffic cop. The gate keeper would let fast molecules through the gate and would wave away slow ones.

This gate keeper became known affectionately as Maxwell's Demon. Though Maxwell's hypothesis violates the second law of thermodynamics, the Demon was destined to fame and immortality. It is called upon time & again to explain a host of paradoxes.

In the winter of 1975 it seemed as though we had a paradox on our hands. We had just begun working with some Gore-Tex samples. It was claimed that this fabric was both waterproof and breathable. How could this be?

We made some prototype Gore-Tex tents and set about testing them. The tent was to become the Light Dimension. We gave it a hell of a work out.

The single layer, aerodynamic skin proved totally waterproof... yet it allowed water vapor to pass out as easily as if it weren't waterproof at all!

We were impressed—amazed, in fact.

It almost seemed as if we might have Maxwell's Demon working for us.

The word that needs inventing.

What we learned from the Light Dimension was this: the search is over. A century

(Continued on page 30)